

ABSTRACT

1 This invention is a screening method. The input image is
2 divided into a plurality of supercells. These supercells are
3 divided into a plurality of individual cells. An expanded
4 cell is defined larger than each of the individual cells. A
5 map of an input gray scale tone to an output gray scale tone
6 is defined for each pixel of the expanded cell. The screening
7 takes place for each pixel of the input image. First the
8 method determines a pixel of the expanded cell corresponding
9 to the input pixel. Then the output gray scale tone
10 corresponding to the pixel of the expanded cell is recalled.